



### *Applications:*

- Field or processing centre based data content and format verification.
- 'Quick look' map display of source and receiver positions.
- SPS data set file summary and reporting.
- Verification of compliance with SPS V1.0 data format.

### *Key Features:*

- Runs as full 32 bit application on Windows 2000, XP, Vista, Win7 (32&64)
- Familiar hierarchical folders for individual projects and line swaths in an Explorer style user interface.
- Fast and automated file recognition and input.
- Ability to manually label individual sources or receivers or automatically labels groups of either in graphical map display.
- Automated generation of graphical display to word processor documents or Windows Clipboard.
- Automated generation of all text based reports to word processor documents.
- SPS header format error reporting and embedded context-linked help facilities.
- Ability to view original ASCII text source, receiver and relationship files from within Regulus.
- Automatic generation of summaries of tapes, source lines, receiver lines and shot into receiver lines, good shots, killed shots, shot points and FFIDs.
- Check SPS Data Format function examines:-
  - File compliance with published format.
  - Inter-file relations
  - File data
  - Positions
  - Line positions
  - Semi-colons at the end of each line
  - Record length is 80 characters
  - Header Similarity
  - Mandatory records (including spares if required)
  - Position differences (compared to user defined criteria)
  - Water depths (compared to user defined limits)
  - Shotpoint intervals
  - Shotpoint times (within user defined tolerances]
  - Gun sequencing (marine)
  - Receiver intervals
  - Inter-channel gap (user defined)
  - Distances between consecutive sources [compared to user defined tolerance)
  - Distances between consecutive receivers (compared to user defined tolerance)

### *Minimum Recommended System Requirements:*

PC:1 GHz Pentium or AMD desktop or notebook computer running Windows 2000/XP/Win7, with 40Gb HDD, 1 GB RAM, CDROM, suitable data exchange/transfer medium and sufficient disk storage for project data.